How many squares are there that use four of these lattice points as vertices?



Given : 

Prove :  is isosceles

STATEMENTS REASONS



Given: 



Prove: 

STATEMENTS REASONS

ABDC is a parallelogram



Find out everything you can about ABDC

Find the largest possible value for



Find the smallest possible value for 

How many squares are there in this figure?



Draw one line that divides both rectangles into two equal areas.

Does your solution generalize?